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10-18-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Uri Rosenschein, et al.

Serial No.: 09/653,801

Filed: September 1, 2000

For: PULSE MODE LYSIS METHOD (As Amended)

Examiner: R. Smith

Group Art Unit: 3737

October 1, 2001

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Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT

S I R :

In response to the Office Action dated May 30, 2001, please amend the above-referenced application as follows:

IN THE CLAIMS:

Cancel Claims 3 and 37 without prejudice.

Please amend the following claims:

Sub D1
1. (Amended) A method of applying therapeutic ultrasound to a location within a body, comprising activating a transducer to produce ultrasound at a pulse repetition period of $T \leq 1000$ milliseconds and directing this ultrasound in a non-invasive manner to a location within a body and at appropriate power, frequency and pulse duration to generate cavitation at this location.

B1
B2
5. (Amended) The method of claim 1, wherein the transducer is operated to produce ultrasound at a frequency of about 100 to 1000 kHz.

B3
7. (Amended) The method of claim 1, wherein $T =$ about 2.5 to 90 milliseconds.

Sub B4
N3
9. (Amended) The method of claim 1, wherein $\tau =$ about 0.01 to 2.0 milliseconds.